



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20060002

Agency Interest No. 1276

Mr. Ben Loup
Refinery Manager
Savannah Foods Industrial, Inc.
1230 South Fifth Avenue
Gramercy, Louisiana 70052

RE: Part 70 Operating Permit, Colonial Sugar Refinery, Savannah Foods & Industries Inc.
Gramercy, St. James Parish, Louisiana

Dear Mr. Loup:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2006.

Permit No.: 2560-00011-V0

Sincerely,

Chuck Carr Brown Ph.D.

Assistant Secretary

CCB:amd

c: EPA Region VI

ENVIRONMENTAL SERVICES

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AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Colonial Sugar Refinery
Agency Interest No.: 1276
Savannah Foods & Industries Inc
Gramercy, St. James Parish, Louisiana

I. Background

Savannah Foods & Industries Inc, Colonial Sugar Refinery is an existing cane sugar refinery established in 1896 in St. James Parish. The Colonial Sugar Refinery currently operates under Permit No. 2560-00011-01, issued August 4, 1997. A small source exemption was issued on March 31, 2003 to replace indoor sugar packaging equipment. A second small source exemption was issued on September 26, 2003 for the addition of powdered sugar packaging equipment. Three authorizations to construct have been issued as well. The first was on September 29, 2003 for a heat recovery system on all existing boilers. The second was issued on June 8, 2004 for the replacement of an existing sugar dust control rotocclone with a new baghouse. The final authorization to construct was issued on February 8, 2006 for the installation of a flue gas recirculation system on Boiler No. 5.

This is the initial Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Savannah Foods & Industries Inc on January 16, 2006 requesting a Part 70 operating permit. Additional information dated May 23, 2006 was also received.

III. Description

Colonial Sugar Refinery processes raw cane sugar into refined sugar products and molasses. This refinery produces approximately 876,000 tons/year of granulated sugars and molasses. The raw sugar is coarse, brown, sticky, and contains impurities that must be removed. Their process consists of four main steps: affination, clarification, decolorization, and crystallization.

Affination involves washing raw sugar crystals to remove excess syrup. This is followed by a melting step where the crystals are dissolved in water. In the clarification step, processing aids are added to the liquid stream which results in the removal of insoluble materials; i.e., sugar cane fibers, extraneous matter, etc. During decolorization, the soluble color components are removed using bone char and ion exchange resin. The last step, crystallization, returns the purified liquid to a crystalline form through the use of vacuum boiling. Resulting mixture is separated into crystals and syrup by means of centrifugal machines that consist of rapidly rotating vertical baskets. These baskets are lined with fine screens which retain the sugar crystals and discard the syrup for further refining. The sugar is washed with hot water in the centrifugal machines and carried by conveyors to rotary dryers called granulators. It is then screened and packaged.

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The refining process requires large amounts of steam for heating, which is generated by boilers fueled with natural gas. There are four boilers on site served by a common exhaust stack. Most of the air emissions are from combustion for steam generation. Total gas usage for the natural gas fired equipment at the facility will be limited to 2,235,000,000 cubic feet per year. Other sources of emissions are the pulverizing of granular sugar to produce powdered sugar and the revivification process for the bone char using a high temperature kiln.

Bone char emissions from bone char dryer exhaust (Emission Point 01) are controlled by a 98% efficient cyclone. The char kiln vacuum exhaust (Emission Point 02) is controlled by an approximately 98% efficient water column. All sugar dust control is associated with product handling. Wet cyclone collectors (rotoclines) are approximately 98% efficient at controlling sugar dust from each of the granulator exhausts (Emission Points 09-14), Bin No. 1 and Bin No. 5 exhausts (Emission Points 16 and 15, respectively), the small pack exhaust (Emission Point 43), cooler exhaust (Emission Point 18) and seed exhaust (Emission Point 19). Sugar dust from pulverizers 1-6 (Emission Points 20-24 and 29), powdered sugar equipment (Emission Point 44) and sugar silo (Emission Point 17) are controlled by a 99% efficient cloth filters. Dust from the lime silo (Emission Point 30) is also controlled by a 99% efficient cloth filter.

This modification increases the permitted production capacity of refined sugar and molasses products. This increase in capacity results in reclassification of the refinery as a major source of criteria air pollutants under Title V of the Clean Air Act. The facility remains a minor source of hazardous and toxic air pollutants. This increase in production capacity is also reflected in the increase of PM₁₀ emissions.

As part of this application, the facility also proposes to install a voluntary NOx reduction project to offset the requested emission increases as well as requesting a fuel consumption cap. An authorization to construct, issued on February 8, 2006, initiated the emissions reduction project of installing a flue gas recirculation unit on Boiler No. 5. This project is set to be complete by the end of 2006. The emission factors were also updated and reconciled to reflect current operational data.

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Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	24.5	36.23	+11.73
SO ₂	1.1	0.67	-0.43
NO _x	95.0	130.04	+35.04
CO	95.0	94.0	-1.00
VOC	6.1	6.98	+0.88

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

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VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in *The Enterprise*, Vacherie, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: None

VIII. General Condition XVII Activities

No activities submitted in permit application.

IX. Insignificant Activities

ID No.:	Description	Citation
33	Turbine Oil Tank No. 1 – 495 gallons	LAC 33:III.501.B.5.A.3
34	Turbine Oil Tank No. 2 – 330 gallons	LAC 33:III.501.B.5.A.3
35	Turbine Oil Tank No. 3 – 220 gallons	LAC 33:III.501.B.5.A.2
36	Turbine Oil Tank No. 4 – 275 gallons	LAC 33:III.501.B.5.A.3
37	Diesel Tank (Tank 1 at Gate 4) – 948 gallons	LAC 33:III.501.B.5.A.3
38	Diesel Tank (Tank 2 at Gate 4) – 564 gallons	LAC 33:III.501.B.5.A.3
40	Diesel Tank at Fire System – 529 gallons	LAC 33:III.501.B.5.A.3
41	Diesel Tank at Raw Sugar Tower – 1,034 gallons	LAC 33:III.501.B.5.A.3
	Phosphoric Acid Tank – 6,764 gallons	LAC 33:III.501.B.5.A.4
	2 Molasses Heaters	LAC 33:III.501.B.5.A.5
	Cane Juice Molasses Tank North – 1,000,000 gallons	LAC 33:III.501.B.5.A.10
	Cane Juice Molasses Tank South – 1,000,000 gallons	LAC 33:III.501.B.5.A.10
	Molasses Tank East – 20,000 gallons	LAC 33:III.501.B.5.A.10
	Molasses Tank West – 20,000 gallons	LAC 33:III.501.B.5.A.10
	Blackstrap Molasses Tank – 500,000 gallons	LAC 33:III.501.B.5.A.10
	Molasses Boiler	LAC 33:III.501.B.5.D

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter								
		5 ▲	9	11	13	15	2103	51*	5151	56
ARE 3	Entire Facility	1	1	1					1	3
GRP 6	25 - Organic Solvents (Parts Cleaner)							1		
EQT 50	CAP01 - Emission Cap				1	1				
EQT 51	03 - Boiler No. 1				1	1				
EQT 52	04 - Boiler No. 2				1	1				
EQT 53	06 - Boiler No. 4				1	1				
EQT 53	07 - Boiler No. 5				1	1				
EQT 55	17 - Sugar Silo Baghouse				1	1				
EQT 57	01 - Bone Char Kiln Exhaust				1	1				
EQT 58	09 - "A" Top Granulator Rotoclone				1	1				
EQT 59	10 - "A" Bottom Granulator Rotoclone				1	1				
EQT 60	11 - "B" Top Granulator Rotoclone				1	1				
EQT 61	12 - "B" Bottom Granulator Rotoclone				1	1				
EQT 62	13 - "C" Top Granulator Rotoclone				1	1				
EQT 63	14 - "C" Bottom Granulator Rotoclone				1	1				
EQT 64	15 - Bin No. 5 Rotoclone				1	1				
EQT 65	16 - Bin No. 1 Rotoclone				1	1				
EQT 66	18 - Cooler Rotoclone				1	1				
EQT 67	19 - Seed Rotoclone				1	1				
EQT 68	20 - Cloth Filters, Pulverizer No. 1				1	1				
EQT 69	21 - Cloth Filters, Pulverizer No. 2				1	1				
EQT 70	22 - Cloth Filters, Pulverizer No. 3				1	1				
EQT 71	23 - Cloth Filters, Pulverizer No. 4				1	1				
EQT 72	24 - Cloth Filters, Pulverizer No. 5				1	1				

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter						
		5▲	9	11	13	15	2103	2123
EQT 73	29 - Cloth Filters, Pulverizer No. 6	1		1				
EQT 74	30 - Lime Silo Baghouse	1		1				
EQT 75	31 - Fabric Filter, Starch Bin	1		1				
EQT 76	32 - Propane Tank, Near Cooling Tower					1		
EQT 83	39 - Gasoline Tank at Gate 4					1		
EQT 86	42 - Gasoline Tank at Raw Sugar Tower					1		
EQT 87	43 - Small Pack Rotoclone	1		1				
EQT 88	44 - Baghouse for Powdered Sugar Eqt.	1		1				
EQT 89	45 - Cooling Tower					1		
EQT 90	02 - Char Vacuum Exhaust	1		1				

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60						40 CFR 61						40 CFR					
		A	D	Da	Db	Dc	K	Ka	Kb	A	M	M	64	68	82	1	3	3	3
ARE 3	Entire Facility																		
GRP 6	25 - Organic Solvents (Parts Cleaner) CAP01 - Emission Cap																		
EQT 50	03 - Boiler No. 1	3	3	3	3	3	3	3	3										
EQT 51	04 - Boiler No. 2									3	3	3	3	3	3				
EQT 52	06 - Boiler No. 4									3	3	3	3	3	3				
EQT 53	07 - Boiler No. 5									3	3	3	3	3	3				
EQT 55	17 - Sugar Silo Baghouse									3	3	3	3	3	3				
EQT 57	01 - Bone Char Kiln Exhaust																		
EQT 58	09 - "A" Top Granulator Rotoclone																		
EQT 59	10 - "A" Bottom Granulator Rotoclone																		
EQT 60	11 - "B" Top Granulator Rotoclone																		
EQT 61	12 - "B" Bottom Granulator Rotoclone																		
EQT 62	13 - "C" Top Granulator Rotoclone																		
EQT 63	14 - "C" Bottom Granulator Rotoclone																		
EQT 64	15 - Bin No. 5 Rotoclone																		
EQT 65	16 - Bin No. 1 Rotoclone																		
EQT 66	18 - Cooler Rotoclone																		
EQT 67	19 - Seed Rotoclone																		
EQT 68	20 - Cloth Filters, Pulverizer No. 1																		
EQT 69	21 - Cloth Filters, Pulverizer No. 2																		
EQT 70	22 - Cloth Filters, Pulverizer No. 3																		
EQT 71	23 - Cloth Filters, Pulverizer No. 4																		
EQT 72	24 - Cloth Filters, Pulverizer No. 5																		
EQT 73	29 - Cloth Filters, Pulverizer No. 6																		
EQT 74	30 - Lime Silo Baghouse																		
EQT 75	31 - Fabric Filter, Starch Bin																		

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60						40 CFR 61			40 CFR		
		A	D	Da	Db	Dc	K	Ka	Kb	A	M	64	68
EQT 76	32 - Propane Tank, Near Cooling Tower							3	3	3			
EQT 83	39 - Gasoline Tank at Gate 4							3	3	3			
EQT 86	42 - Gasoline Tank at Raw Sugar Tower							3	3	3			
EQT 87	43 - Small Pack Rotoclone							3	3	3			
EQT 88	44 - Baghouse for Powdered Sugar Eqt.												
EQT 89	45 - Cooling Tower												
EQT 90	02 - Char Vacuum Exhaust												

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Entire Facility	Comprehensive Toxic Air Pollutant Emissions Control Program. [LAC 33:III. Chapter 51]	DOES NOT APPLY. The facility is not a major source for Toxic Air Pollutants as defined in LAC 33:III.5103.
	Compliance Assurance Monitoring [40 CFR 64]	EXEMPT. This facility does not utilize control equipment to destroy or remove air pollutant(s) prior to discharge to the atmosphere.
	Chemical Accident Prevention Provisions [40 CFR 68] Chemical Accident Prevention and Minimization of Consequences [LAC 33:III. Chapter 59]	DOES NOT APPLY. This facility emits below the threshold quantities used to trigger this subpart.
	Protection of Stratospheric Ozone [40 CFR 82]	DOES NOT APPLY. There are no applicable CFC chillers/ coolers onsite.
GRP6 CAP 1 Emissions Cap	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emit less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 76 Propane Tank EQT 83 & 86 Gasoline Tanks	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage vessels have capacities less than 40,000 gallons.
EQT 76 Propane Tank EQT 83 & 86 Gasoline Tanks	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage vessels have capacities less than 40,000 gallons.
EQT 50-53 Boilers	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b] Standards of Performance for Fossil Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971[40 CFR 60, Subpart D] Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978 [40 CFR 60, Subpart Da]	DOES NOT APPLY. Storage vessels have capacities less than 75 m ³ (20,000 gallons). DOES NOT APPLY. Boilers have heat input rates less than 250 MMbtu/hr. DOES NOT APPLY. Boilers are not electric steam generating units and have heat input rates less than 250 MMbtu/hr.
	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Db]	DOES NOT APPLY. Boilers were constructed prior to June 19, 1984 and have not been modified.

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ID No:	Requirement	Notes
	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Dc]	DOES NOT APPLY. Boilers have heat input rates above 100 MMBtu/hr.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.

[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

40 CFR PART 70 GENERAL CONDITIONS

attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

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5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

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- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated January 16, 2006. Additional information dated May 23, 2006 was also received.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

4. Report by March 31 to cover October through December
- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 1276 Savannah Foods & Industries Inc - Colonial Sugar Refinery
Activity Number: PER20060002
Permit Number: 2560-00011-V0
Air - Title V Regular Permit Initial

<u>Also Known As:</u>	<u>ID</u>	<u>Name</u>	<u>User Group</u>	<u>Start Date</u>
	2560-00011	Savannah Foods & Industries Inc - Colonial Sugar Refinery	CDS Number	08-05-2002
	58-1711058	Federal Tax ID	Federal Tax ID	11-21-1999
LAD039168562		Colonial Sugar Refinery	Hazardous Waste Notification	04-21-1992
LAD008155665		Colonial Sugars Inc	Inactive & Abandoned Sites	08-26-1980
LA0000604		WPC File Number	LPDES Permit #	05-22-2003
LAR05N052		LPDES #	LWDPS Permit #	08-27-2001
WP1835		WPC State Permit Number	Radiation License Number	06-25-2003
GL-287		Radiation General License	Solid Waste Facility No.	12-11-2000
TD-093-0815		Site ID #	Solid Waste Facility No.	08-20-2001
W-093-1204		Site ID #	Solid Waste Facility No.	11-21-1999
2007		Colonial Sugars Inc	TEMPO Merge	04-29-2001
70052CLNLS129FI		TRI #	Toxic Release Inventory	07-09-2004
47-011195		UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-12-2002
 Physical Location: 			Main FAX: 2258698706	
		1230 Fifth Ave Gramercy, LA 70052	Main Phone: 2258695521	
 Mailing Address: 		PO Box 9 Sugar Land, TX 774870009		
 Location of Front Gate: 		30° 3' 2" 91 hundredths latitude, 90° 40' 54" 71 hundredths longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27		
<u>Related People:</u>	<u>Name</u>	<u>Mailing Address</u>	<u>Phone (Type)</u>	<u>Relationship</u>
	Ben Loup	PO Box 3360 Gramercy, LA 700523360	2258695521 (WP)	Responsible Official for
	Thomas Wilson Jr.	PO Box 3360 Gramercy, LA 700523360	2258695521 (WP)	Underground Storage Tank Contact for
	Thomas Wilson Jr.	PO Box 3360 Gramercy, LA 700523360	2258695521 (WP)	Solid Waste Billing Party for
	Aaron Zeringue	PO Box 3360 Gramercy, LA 700523360	2258695521 (WP)	Radiation Contact For
	Aaron Zeringue	PO Box 3360 Gramercy, LA 700523360	2258695521 (WP)	Radiation License Billing Party for
<u>Related Organizations:</u>	<u>Name</u>	<u>Address</u>	<u>Phone (Type)</u>	<u>Relationship</u>
	Savannah Foods & Industries Inc	PO Box 9 Sugar Land, TX 774870009	2814909535 (WP)	UST Billing Party for
	Savannah Foods & Industries Inc	PO Box 9 Sugar Land, TX 774870009	2814909535 (WP)	Owns
	Savannah Foods & Industries Inc	PO Box 9 Sugar Land, TX 774870009	2814909535 (WP)	Operates
	Savannah Foods & Industries Inc	PO Box 9 Sugar Land, TX 774870009	2814909535 (WP)	Air Billing Party for
 SIC Codes: 	2062, Cane sugar refining			

General Information

AI ID: 1276 Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-Y0

Air - Title V Regular Permit Initial

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery
 Activity Number: PER20060002
 Permit Number: 2560-00011-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
ARE003	25 - Organic Solvents (Paris Cleaner)					8760 hr/yr (All Year)
EQT050	03 - Boiler No. 1		108 MM BTU/hr	108 MM BTU/hr		8760 hr/yr (All Year)
EQT051	04 - Boiler No. 2		108 MM BTU/hr	108 MM BTU/hr		8760 hr/yr (All Year)
EQT052	06 - Boiler No. 4		158 MM BTU/hr	158 MM BTU/hr		8760 hr/yr (All Year)
EQT053	07 - Boiler No. 5		158 MM BTU/hr	158 MM BTU/hr		8760 hr/yr (All Year)
EQT055	17 - Sugar Silo Baghouse		100 tons/hr	100 tons/hr		8760 hr/yr (All Year)
EQT057	01 - Bone Char Kiln Exhaust		15 MM BTU/hr	15 MM BTU/hr		8760 hr/yr (All Year)
EQT058	09 - "A" Top Granulator Rotoclone		40 tons/hr	40 tons/hr		8760 hr/yr (All Year)
EQT059	10 - "A" Bottom Granulator Rotoclone		40 tons/hr	40 tons/hr		8760 hr/yr (All Year)
EQT060	11 - "B" Top Granulator Rotoclone		40 tons/hr	40 tons/hr		8760 hr/yr (All Year)
EQT061	12 - "B" Bottom Granulator Rotoclone		40 tons/hr	40 tons/hr		8760 hr/yr (All Year)
EQT062	13 - "C" Top Granulator Rotoclone		20 tons/hr	20 tons/hr		8760 hr/yr (All Year)
EQT063	14 - "C" Bottom Granulator Rotoclone		20 tons/hr	20 tons/hr		8760 hr/yr (All Year)
EQT064	15 - Bin No. 5 Rotoclone		100 tons/hr	100 tons/hr		8760 hr/yr (All Year)
EQT065	16 - Bin No. 1 Rotoclone		40 tons/hr	40 tons/hr		8760 hr/yr (All Year)
EQT066	18 - Cooler Rotoclone		100 tons/hr	100 tons/hr		8760 hr/yr (All Year)
EQT067	19 - Seed Rotoclone		10 tons/hr	10 tons/hr		8760 hr/yr (All Year)
EQT068	20 - Cloth Filters, Pulverizer No. 1		2.4 tons/hr	2.4 tons/hr		8760 hr/yr (All Year)
EQT069	21 - Cloth Filters, Pulverizer No. 2		2.4 tons/hr	2.4 tons/hr		8760 hr/yr (All Year)
EQT070	22 - Cloth Filters, Pulverizer No. 3		2.4 tons/hr	2.4 tons/hr		8760 hr/yr (All Year)
EQT071	23 - Cloth Filters, Pulverizer No. 4		2.4 tons/hr	2.4 tons/hr		8760 hr/yr (All Year)
EQT072	24 - Cloth Filters, Pulverizer No. 5		2.4 tons/hr	2.4 tons/hr		8760 hr/yr (All Year)
EQT073	29 - Cloth Filters, Pulverizer No. 6		2.4 tons/hr	2.4 tons/hr		8760 hr/yr (All Year)
EQT074	30 - Lime Silo Baghouse		4 tons/hr	4 tons/hr		8760 hr/yr (All Year)
EQT075	31 - Fabric Filter, Starch Bin		.5 tons/hr	.5 tons/hr		8760 hr/yr (All Year)
EQT076	32 - Propane Tank, Near Cooling Tower	750 gallons				8760 hr/yr (All Year)
EQT083	39 - Gasoline Tank at Gate 4	991 gallons	8000 gallons/yr			8760 hr/yr (All Year)
EQT086	42 - Gasoline Tank at Raw Sugar Tower	564 gallons	564 gallons/yr			8760 hr/yr (All Year)
EQT087	43 - Small Pack Rotoclone		100 tons/hr			8760 hr/yr (All Year)
EQT088	44 - Baghouse for Powdered Sugar Equipment		7 tons/hr			8760 hr/yr (All Year)
EQT089	45 - Cooling Tower		12000 gallons/min			8760 hr/yr (All Year)
EQT090	02 - Char Vacuum Exhaust		15 tons/hr			8760 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP006	CAP01 - Emission Cap	EQT50 03 - Boiler No. 1

INVENTORIES

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery
 Activity Number: PER20060002
 Permit Number: 2560-00011-V0
 Air - Title V Regular Permit Initial

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP006	CAP01 - Emission Cap	EQT51 04 - Boiler No. 2
GRP006	CAP01 - Emission Cap	EQT52 06 - Boiler No. 4
GRP006	CAP01 - Emission Cap	EQT53 07 - Boiler No. 5
GRP007	Entire Facility	EQT57 01 - Bone Char Kiln Exhaust
GRP007	Entire Facility	ARE3 25 - Organic Solvents (Parts Cleaner)
GRP007	Entire Facility	EQT50 03 - Boiler No. 1
GRP007	Entire Facility	EQT51 04 - Boiler No. 2
GRP007	Entire Facility	EQT52 06 - Boiler No. 4
GRP007	Entire Facility	EQT53 07 - Boiler No. 5
GRP007	Entire Facility	EQT55 17 - Sugar Silo Baghouse
GRP007	Entire Facility	EQT57 01 - Bone Char Kiln Exhaust
GRP007	Entire Facility	EQT58 09 - "A" Top Granulator Rotoclone
GRP007	Entire Facility	EQT59 10 - "A" Bottom Granulator Rotoclone
GRP007	Entire Facility	EQT60 11 - "B" Top Granulator Rotoclone
GRP007	Entire Facility	EQT61 12 - "B" Bottom Granulator Rotoclone
GRP007	Entire Facility	EQT62 13 - "C" Top Granulator Rotoclone
GRP007	Entire Facility	EQT63 14 - "C" Bottom Granulator Rotoclone
GRP007	Entire Facility	EQT64 15 - Bin No. 5 Rotoclone
GRP007	Entire Facility	EQT65 16 - Bin No. 1 Rotoclone
GRP007	Entire Facility	EQT66 18 - Cooler Rotoclone
GRP007	Entire Facility	EQT67 19 - Seed Rotoclone
GRP007	Entire Facility	EQT68 20 - Cloth Filters, Pulverizer No. 1
GRP007	Entire Facility	EQT69 21 - Cloth Filters, Pulverizer No. 2
GRP007	Entire Facility	EQT70 22 - Cloth Filters, Pulverizer No. 3
GRP007	Entire Facility	EQT71 23 - Cloth Filters, Pulverizer No. 4
GRP007	Entire Facility	EQT72 24 - Cloth Filters, Pulverizer No. 5
GRP007	Entire Facility	EQT73 29 - Cloth Filters, Pulverizer No. 6
GRP007	Entire Facility	EQT74 30 - Lime Silo Baghouse
GRP007	Entire Facility	EQT75 31 - Fabric Filter, Starch Bin
GRP007	Entire Facility	EQT76 32 - Propane Tank, Near Cooling Tower
GRP007	Entire Facility	EQT78 39 - Gasoline Tank at Gate 4
GRP007	Entire Facility	EQT86 42 - Gasoline Tank at Raw Sugar Tower
GRP007	Entire Facility	EQT87 43 - Small Pack Rotoclone
GRP007	Entire Facility	EQT88 44 - Baghouse for Powdered Sugar Equipment
GRP007	Entire Facility	EQT89 45 - Cooling Tower
GRP007	Entire Facility	EQT90 02 - Char Vacuum Exhaust
GRP007	Entire Facility	GRP6 CAP01 - Emission Cap

INVENTORIES

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

Relationships:

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQT050 03 - Boiler No. 1	10.32	13813	5.33		60	148
EQT051 04 - Boiler No. 2	10.32	13813	5.33		60	148
EQT052 06 - Boiler No. 4	16.1	21526	5.33		60	148
EQT053 07 - Boiler No. 5	16.1	21526	5.33		60	148
EQT055 17 - Sugar Silo Baghouse	26	4000	1.6		4	125
EQT057 01 - Bone Char Kiln Exhaust	32.9	24783	4		112	110
EQT058 09 - "A" Top Granulator Rotoclane	90	9000	1.67		75	125
EQT059 10 - "A" Bottom Granulator Rotoclane	70	7020	1.67		75	125
EQT060 11 - "B" Top Granulator Rotoclane	54	5400	1.67		75	125
EQT061 12 - "B" Bottom Granulator Rotoclane	36	3600	1.67		75	125
EQT062 13 - "C" Top Granulator Rotoclane	70	7020	1.67		75	125
EQT063 14 - "C" Bottom Granulator Rotoclane	50	4980	1.67		75	125
EQT064 15 - Bin No. 5 Rotoclane	75	6000	1.33		70	125
EQT065 16 - Bin No. 1 Rotoclane	75	6000	1.33		70	125
EQT066 18 - Cooler Rotoclane	75	6000	1.2		65	125
EQT067 19 - Seed Rotoclane	60	3600	1		75	125
EQT068 20 - Cloth Filters, Pulverizer No. 1	37	3000	1.33		40	110
EQT069 21 - Cloth Filters, Pulverizer No. 2	37	3000	1.33		40	110
EQT070 22 - Cloth Filters, Pulverizer No. 3	37	3000	1.33		40	110
EQT071 23 - Cloth Filters, Pulverizer No. 4	37	3000	1.33		40	110
EQT072 24 - Cloth Filters, Pulverizer No. 5	37	3000	1.33		40	110
EQT073 29 - Cloth Filters, Pulverizer No. 6	37	3000	1.33		40	110
EQT074 30 - Lime Silo Baghouse	.5	700	6		50	110
EQT075 31 - Fabric Filter, Starch Bin	.5	700	6		50	110
EQT087 43 - Small Pack Rotoclane	47.75	9000	2		75	125
EQT088 44 - Baghouse for Powdered Sugar Equipment	187.5	9000	.8		30	110
EQT090 02 - Char Vacuum Exhaust	8.41	9913	5		14.5	110

Fee Information:

Subj Item Id	Multipplier	Units Of Measure	Fee Desc
GRP007	200	1,000 Lb/Hr	0130 . Cane Sugar Refining (Rated Capacity)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery
 Activity Number: PER20060002
 Permit Number: 2560-00011-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 003													0.01	3.00	0.04
25															
EQT 050	0.78				0.06			16.46			8.64				
03															0.57
EQT 051	0.78				0.06			16.46			8.64				0.57
04															
EQT 052	1.14				0.09			19.56			12.64				0.83
05															
EQT 053	1.14				0.09			9.78			12.64				0.83
07															
EQT 055	0.09	0.09	0.40												
17															
EQT 057	1.00	1.22	4.37				0.009			1.436			1.2		0.08
01															
EQT 058	0.41	0.41	1.79												
09															
EQT 059	0.32	0.32	1.39												
10															
EQT 060	0.24	0.24	1.07												
11															
EQT 061	0.16	0.16	0.72												
12															
EQT 062	0.32	0.32	1.39												
13															
EQT 063	0.23	0.23	0.99												
14															
EQT 064	0.27	0.27	1.19												
15															
EQT 065	0.27	0.27	1.19												
16															
EQT 066	0.27	0.27	1.19												
18															
EQT 067	0.16	0.16	0.72												
19															
EQT 068	0.15	0.15	0.67												
20															

EMISSION RATES FOR CRITERIA POLLUTANTS

All ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-Y0

Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			CO			NO _x			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 069	0.15	0.15	0.67												
²¹ EQT 070	0.15	0.15	0.67												
²² EQT 071	0.15	0.15	0.67												
²³ EQT 072	0.15	0.15	0.67												
²⁴ EQT 073	0.15	0.15	0.67												
²⁵ EQT 074	0.15	0.15	0.67												
³⁰ EQT 075	0.15	0.15	0.67												
³¹ EQT 076													0.01	0.01	0.01
³² EQT 083													0.12	0.12	0.52
³⁹ EQT 086													0.06	0.06	0.26
⁴² EQT 087	0.46	0.46	2.02												
⁴³ EQT 088	0.46	0.46	2.02												
⁴⁴ EQT 089	0.24	0.24	1.05												
⁴⁵ EQT 090	0.20	0.88	0.22												
02 GRP 006 CAP01	1.94			8.49	0.15		0.67	29.69	130.04	21.43	94.00	1.4			6.15

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 36.23 tons/yr

SO2: 0.67 tons/yr

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

All phases

NOx: 130.04 tons/yr
CO: 94.0 tons/yr
VOC: 6.98 tons/yr

Emission rates Notes:

		Avg lb/hr	Max lb/hr	Which Months: All Year
EQT 057	PM10			This emission rate is representative of bone char only. Particulates associated with combustion are represented in the fuel use cap
EQT 057	PM10			This is inclusive of combustion products and process particulates
EQT 057	PM10	Tons/Year		This emission rate is representative of bone char only. Particulates associated with combustion are represented in the fuel use cap
GRP 006	NOx	Tons/Year		This facility complies with an overall fuel consumption cap under a worst case scenario using 160 lb/MMscf as an emission factor for all natural gas fired equipment. The NOx emissions under this scenario would be 178.8 tpy. This is not a realistic operating scenario only a worst case for analysis purposes. Which Months: All Year

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

EQT050 03 - Boiler No. 1

1 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

2 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

EQT051 04 - Boiler No. 2

3 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

4 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

EQT052 06 - Boiler No. 4

5 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

6 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

7 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

8 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

9 Conduct a performance/emissions test: Due within 180 days after permit issuance. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

EQT053 07 - Boiler No. 5

10 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

EQT053 07 - Boiler No. 5

- 11 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.13.13.C]
Which Months: All Year Statistical Basis: None specified
- 12 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 13 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 14 Conduct a performance/emissions test: Due within 180 days after permit issuance. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

EQT055 17 - Sugar Silo Baghouse

- 15 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 16 Total suspended particulate <= 51.28 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 17 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 18 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 19 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 20 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 21 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT057 01 - Bone Char Kiln Exhaust

- 22 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 23 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

EQT058 09 - "A" Top Granulator Rotoclone

SPECIFIC REQUIREMENTS

AI ID: #276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002
Permit Number: 2560-00011-V0
Air - Title V Regular Permit Initial

EQT058 09 - "A" Top Granulator Rotoclone

- 24 Total suspended particulate \leq 42.53 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 25 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 26 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 27 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 28 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT059 10 - "A" Bottom Granulator Rotoclone

- 29 Total suspended particulate \leq 42.53 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 30 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 31 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 32 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 33 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT060 11 - "B" Top Granulator Rotoclone

- 34 Total suspended particulate \leq 42.53 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 35 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 36 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 37 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 38 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT061 12 - "B" Bottom Granulator Rotoclone

- 39 Total suspended particulate \leq 42.53 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 40 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

EQT061 12 - "B" Bottom Granulator Rotoclone

- 41 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 42 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 43 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT062 13 - "C" Top Granulator Rotoclone

- 44 Total suspended particulate \leq 30.51 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 45 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 46 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 47 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 48 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT063 14 - "C" Bottom Granulator Rotoclone

- 49 Total suspended particulate \leq 30.51 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 50 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 51 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 52 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 53 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT064 15 - Bin No. 5 Rotoclone

- 54 Total suspended particulate \leq 51.28 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 55 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 56 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 57 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 58 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

EQT065 16 - Bin No. 1 Rotoclone

- 59 Total suspended particulate \leq 42.53 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
60 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 61 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
62 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
63 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT066 18 - Cooler Rotoclone

- 64 Total suspended particulate \leq 51.28 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
65 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 66 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
67 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
68 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT067 19 - Seed Rotoclone

- 69 Total suspended particulate \leq 19.17 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
70 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 71 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
72 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
73 Pressure recordkeeping by electronic or hard copy once every shift during operation. [LAC 33:III.501.C.6]

EQT068 20 - Cloth Filters, Pulverizer No. 1

- 74 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
75 Total suspended particulate \leq 7.37 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

All ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Tritte V Regular Permit Initial

EQT068 20 - Cloth Filters, Pulverizer No. 1

76 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

77 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

78 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

79 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

80 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

EQT069 21 - Cloth Filters, Pulverizer No. 2

81 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

82 Total suspended particulate <= 7.37 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]

Which Months: All Year Statistical Basis: None specified

83 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

84 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

85 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

86 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

87 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

EQT070 22 - Cloth Filters, Pulverizer No. 3

88 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

89 Total suspended particulate <= 7.37 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]

Which Months: All Year Statistical Basis: None specified

90 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

91 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

Air ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

EQT070 22 - Cloth Filters, Pulverizer No. 3

- 92 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 93 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 94 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT071 23 - Cloth Filters, Pulverizer No. 4

- 95 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 96 Total suspended particulate <= 7.37 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 97 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- 98 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 99 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 100 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 101 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT072 24 - Cloth Filters, Pulverizer No. 5

- 102 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 103 Total suspended particulate <= 7.37 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 104 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 105 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 106 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 107 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery
Activity Number: PER20060002
Permit Number: 2560-00011-V0
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EQT072 24 - Cloth Filters, Pulverizer No. 5

- 108 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT073 29 - Cloth Filters, Pulverizer No. 6

- 109 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 110 Total suspended particulate <= 7.37 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 111 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 112 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 113 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 114 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 115 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT074 30 - Lime Silo Baghouse

- 116 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 117 Total suspended particulate <= 10.38 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 118 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 119 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 120 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 121 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 122 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT075 31 - Fabric Filter, Starch Bin

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-V0

Air - Title V Regular Permit Initial

EQT075 31 - Fabric Filter, Starch Bin

- 123 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.305.1-7. [LAC 33:III.1305]
- 124 Total suspended particulate <= 2.58 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 125 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 126 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 127 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 128 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 129 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT076 32 - Propane Tank, Near Cooling Tower

- 130 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]
131 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
132 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT083 39 - Gasoline Tank at Gate 4

- 133 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
134 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
135 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT086 42 - Gasoline Tank at Raw Sugar Tower

- 136 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
137 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
138 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT087 43 - Small Pack Rotoclone

- 139 Total suspended particulate <= 51.28 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery

Activity Number: PER20060002

Permit Number: 2560-00011-Y0

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EQT087 43 - Small Pack Rotoclone

- 140 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 141 Pressure \geq 28 psig. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 142 Pressure monitored by pressure instrument once every shift during operation. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 143 Pressure recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]

EQT088 44 - Baghouse for Powdered Sugar Equipment

- 144 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 145 Total suspended particulate \leq 15.10 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 146 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 147 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 148 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 149 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 150 Particulate matter (10 microns or less) $>$ 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT090 02 - Char Vacuum Exhaust

- 151 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 152 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 153 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 154 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 155 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery
Activity Number: PER20060002
Permit Number: 2560-00011-V0
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EQT090 02 - Char Vacuum Exhaust

156 Particulate matter (10 microns or less) \geq 98 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

GRP006 CAP01 - Emission Cap

157 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

158 Annual Fuel Usage: Natural gas \leq 2,235 MM ft³/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

159 Annual Fuel Usage: Natural Gas Throughput monitored by technically sound method during loading. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

160 Annual Fuel Usage: Natural Gas Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total natural gas used each month, as well as the total used for the previous twelve consecutive months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

161 Submit report: Due annually, by the 31st of March. Report the natural gas usage for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

GRP007 Entire Facility

162 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

163 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]

164 Carbon monoxide \leq 94.0 tons/yr. [LAC 33:III.501.C.6]

165 Nitrogen oxides \leq 130.04 tons/yr. [LAC 33:III.501.C.6]

166 Particulate matter (10 microns or less) \leq 36.23 tons/yr. [LAC 33:III.501.C.6]

167 Sulfur dioxide \leq 0.67 tons/yr. [LAC 33:III.501.C.6]

168 VOC, Total \leq 6.98 tons/yr. [LAC 33:III.501.C.6]

169 An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity. [LAC 33:III.5151.F.1.f]

170 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
171 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]

SPECIFIC REQUIREMENTS

AI ID: 1276 - Savannah Foods & Industries Inc - Colonial Sugar Refinery
Activity Number: PER20060002
Permit Number: 2560-00011-V0
Air - Title V Regular Permit Initial

GRP007 **Entire Facility**

- 172 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.9.19.A-D. [LAC 33:III.9.19.D]
- 173 Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. [40 CFR 61.145(b)(1)]
- 174 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M. [40 CFR 61.148]
- 175 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 176 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 177 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 178 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]